ELSEVIER

Journal of Membrane Science 118 (1996) 307–308

journal of MEMBRANE SCIENCE

Author index

Anderson, M.A. 85

Benkahla, Y.K. 185
Bernstein, L.A. 93
Bindal, R.C. 23
Büchi, F.N. 231
Buettner, G.R. 133

Chapiró, A. 231
Ćirić, G.M. 17

Davis, R.H. 259
Dimov, A. 9

Eguchi, K. 31
Elmaleh, S. 111

Fane, A.G. 247
Feng, X. 127
Fengrong, C. 169
Field, R.W. 101
Freeman, B.D. 289

Galán, B. 213
Gebel, G. 269
Geraldo, L.P. 239
Ghaffor, N. 111
Goto, M. 63
Gupta, B. 231

Hall, C.K. 289
Hanra, M.S. 23
Harris, J.L. 279
He, G. 1
Hill, Jr., C.G. 85
Hongfang, C. 169
Horinouchi, N. 63
Huang, R.Y.M. 127
Huang, T.-L. 304
Huang, X. 1
Hülser, D.F. 145

Inoue, K. 41
Irabien, A. 213
Ishimaru, M. 41
Islam, M.A. 9

Jaffrin, M.Y. 185
Jonquières, A. 73

Kakoi, T. 63
Kanungo, S.B. 303
Kawakami, H. 223
Kimmerle, K. 145
Kitazaki, H. 41
Kolaczkowski, S.T. 101
Kusakabe, K. 159

Lai, J.-Y. 49
Li, Z. 159
Lin, F.-C. 49
Lochon, P. 73
Lockett, A.D. 101
Lund, C.R.F. 93

Masawaki, T. 31
Matsuyama, H. 177
Mauz, M. 145
Mikawa, M. 223
Misra, B.M. 23
Mohapatra, R. 303
Móré, Gy. 295
Morooka, S. 159
Mosdale, R. 269

Nagamoto, H. 151
Nagaoka, S. 223
Nakashio, F. 63

Ofsthun, N.J. 199
Ohta, H. 41
Okubo, T. 151
Omorjan, R.P. 17
Oppenheim, S.F. 133
Ortiz, I. 213
Ould-Dris, A. 185

Parnham, C.S. 259
Paterson, R. 239
Pineri, M. 269
Pope, J.M. 247

Ramadan, Y. 295
Rautenbach, R. 289
Reo, C.M. 93
Robbins, B.J. 101
Rodgers, V.G.J. 133
Roizard, D. 73

Sadakata, M. 151
Sata, T. 121
Sayed Razavi, S.K. 279
Scherer, G.G. 231
Si-Hassen, D. 185
Smith, S.W. 289
Soltys, P.J. 199
Stoicheva, R.N. 9
Sun, Y.-M. 304
Szabó, G.T. 295

Takahashi, T. 151
Tekić, M.N. 17
Teramoto, M. 177
Tiscareño-Lechuga, F. 85
Tone, S. 31
Tsuchiya, M. 177

Wang, C.-C. 49
Wang, D.-M. 49

Xu, R. 1

Yamazaki, I.M. 239
Yao, S. 247
Yoshizuka, K. 41

Zhu, B. 1
Zydney, A.L. 199

ELSEVIER

Journal of Membrane Science 118 (1996) 309–310

journal of MEMBRANE SCIENCE

Subject index

Acid recovery, 101
Activation energy, 127
Amino acid, 31
Anion exchange membrane, 121
Aromatic polyimide, 223
Asymmetric polymeric membrane, 23

Backpulsing, 259
Barrier membranes, 111
Benzoic acid derivatives, 295
Biotechnology, 259

Charge transfer complex, 223
Composite membrane, 1
Concentration, 145
Concentration polarization, 199, 247
Copolymer of styrene and methacrylic acid, 177
Counter-ions, 295
Cracking, 151
Cross-flow filtration, 185
Crosslinked PVA, 169
Crosslinking, 231

Deformational properties, 9
Degree of penetration, 1
Dehydrogenation, 93
Dehydrogenation of cyclohexane, 85
Desalination, 23
Dilution effect, 85
DSC measurement, 177

Electrodialysis, 101
Electro-electrodialysis, 101
Electron paramagnetic resonance spectroscopy, 133
Electro-osmosis, 101
Elevated temperature, 159
Emulsion, 63
Extraction and back-extraction, 213

Fiber membranes, 199, 289
Fission fragments, 239
Flavonoid, 41
Fluorescence measurement, 223
Flux model, 279
Fouling, 111, 133, 247, 259, 279
Fuel cell, 269

Gas permeation, 1
Gas separation, 159, 289
Gas transport, 223
Glass membranes, 93

Hollow fiber, 213
Hybrid membrane reactor, 85

Inorganic membranes, 111
Interfacial chemical equilibrium, 213
Intermittent microfiltration, 185
Ion exchange membranes, 177, 231
Ionic percolation, 177
Ionic transport, 177

Kampo medicine, 41

Liquid membrane, 63
Liquid permeability and separations, 127

Membrane coefficient, 213
Membrane fouling, 185
Membrane modeling, 289
Membrane morphology, 49
Membrane porosity, 49
Membrane preparation and structure, 199
Membrane reactor, 93
Membrane separation, 31, 41, 63
Microfiltration, 239, 247, 259
Mineral suspension, 185
Molecular modelling, 41

Native etheric oil aroma components, 145
NMR micro-imaging, 247

Oil–water emulsion, 247
Optical resolution, 31
Organic solutes, 295
Osmotic pressure, 199

Packing density, 223
Palladium extraction, 63

Performance of a two-membrane reactor, 17
Permeation mechanism, 1
Pervaporation, 127, 145, 169
Pervaporation features, 73
Pervaporation membranes, 73
Photo-current, 121
Photo-voltage, 121
Plasma polymerization, 31
Polyamide, 23
co-Poly(butadiene-acrylonitrile), 9
Polycarbonate, 239
Polymer design, 73
Polyureaimides, 73
Polyurethaneimides, 73
Polyvinyl alcohol membrane, 41
Porous membrane, 151, 239
Porous poly(vinyl chloride), 9
Preparation, 159
Protein–membrane interaction, 133
Proton exchange membrane, 269
Proton leakage, 101

Radiation grafting, 231
Resistance model, 1
Reverse osmosis, 23, 295
Ring-substituents, 295
Rotational correlation time, 133

Segment size of block copolymers, 73
Si-C-O membrane, 159
Sieving coefficient, 199
Simple analytical analysis, 17
Small-angle neutron scattering, 269
Sol–gel, 151
Soy extract, 279
Surfactant, 63
Suspension, 279
Swelling equilibrium, 169

Terpene, 31
Thermostable, 159
TPX, 49
Track etch, 239
Two-membrane reactor, 17

Ultrafiltration, 31, 111, 133, 199, 239, 279

Viologen moiety, 121

Water/ethylene glycol mixtures, 169
Water profile determination, 269
Water treatment, 111
Wet phase inversion method, 49

YSZ, 151